Single Nucleotide Polymorphism

NCBI

PubMed	Nucleotide	Protein	Genome	Structure	PopSet	Taxonomy	OMIM	Books	SNP

Search for SNP on NCBI Reference Assembly

Search Entrez [SNP] for [ ] [Go]

SNP linked to Gene CSNK1D(geneID:1453) Via Contig Annotation

[Send] rs# on all gene models to Batch Query [Download] all rs# to file.

Gene Model (mRNA alignment) information from genome sequence
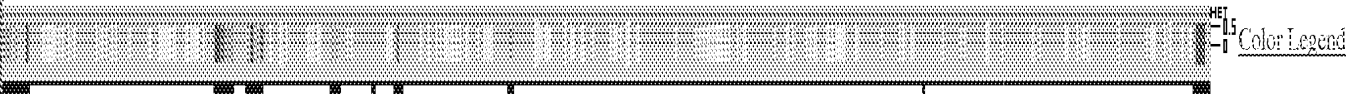
Total gene model (contig mRNA transcript): 5

| mrna	transcript	protein	mrna orientation	Contig	Contig Label	List SNP
NM_001893.3	minus strand	NP_001884.2	reverse	NT_010663.14	reference	<- currently shown
NM_001893.3	minus strand	NP_001884.2	reverse	NW_001838459.1	HuRef	View snp on GeneModel
NM_139062.1	minus strand	NP_620693.1	reverse	NT_010663.14	reference	View snp on GeneModel
NM_139062.1	minus strand	NP_620693.1	reverse	NW_926918.1	Celera	View snp on GeneModel
NM_139062.1	minus strand	NP_620693.1	reverse	NW_001838459.1	HuRef	View snp on GeneModel

☐ Include clinically associated ◉ in gene region ○ cSNP ○ has frequency ○ double hit [refresh]

gene model (contig mRNA transcript):	Contig Label	Contig	mrna	protein	mrna orientation	transcript	snp count
	reference	NT_010663.14	NM_001893.3	NP_001884.2	reverse	minus strand	145, all

Color Legend

Region	Contig position	mRNA pos	dbSNP rs# cluster id	Hetero-zygosity	Validation	3D	Clinically Associated	Function	dbSNP allele	Protein residue	Codon pos	Amino acid pos
3' near gene	414490		rs5822474	N.D.				3' near gene	-/G			
	414491		rs5822475	N.D.				3' near gene	-/G			
	414493		rs4991053	N.D.				3' near gene	C/G			
	414505		rs5822476	N.D.				3' near gene	-/CTC			
	414506		rs34637972	N.D.				3' near gene	-/CTC			
	414510		rs5822477	N.D.				3' near gene	-/CCT			
	414511		rs33972232	N.D.				3' near gene	-/CCT			
	414591		rs35842755	N.D.				3' near gene	A/C			

GENERAL

HUMAN VARIATION

Search, Annotate, Submit NEW

Annotate and Submit Batch Data with Clinical Impact NEW

SNP SUBMISSION

DOCUMENTATION

SEARCH

RELATED SITES

							function	allele	aa	pos
		414911		rs60165714	N.D.			3' near gene	A/G		
		414988		rs12444	0.113			3' near gene	C/T		
		415587		rs35193351	N.D.			3' near gene	-/T		
		415820		rs59078201	N.D.			3' near gene	G/T		
		416295		rs34824255	N.D.			3' near gene	-/T		
exon_9	416349	1979	rs1130792	N.D.			3' UTR	A/G		
	416382	1946	rs1804578	N.D.			3' UTR	C/T		
	416514	1814	rs1804577	N.D.			3' UTR	G/T		
	416811	1517	rs36024424	N.D.			missense	G	Ala [A]	401
							contig reference	C	Pro [P]	401
intron_8	417280		rs5822478	N.D.			intron	-/GC		
	417285		rs5822479	N.D.			intron	-/CG		
	417309		rs4325623	N.D.			intron	C/G		
	417310		rs4578719	N.D.			intron	C/G		
	417362		rs61382443	N.D.			intron	A/G		
	417374		rs3924256	0.024		H	intron	A/G		
	417487		rs5822480	N.D.			intron	-/G		
	417584		rs5822481	N.D.			intron	-/G		
	418268		rs5822482	N.D.			intron	-/C		
	418358		rs5822483	N.D.			intron	-/C		
	418410		rs5822484	N.D.			intron	-/C		
	418487		rs35906846	N.D.			intron	-/C		
	418513		rs5822485	N.D.			intron	-/G		
	418908		rs34957437	N.D.			intron	-/C		
	419500		rs7501982	N.D.			intron	A/G		
	419808		rs58453676	N.D.			intron	A/G		
	419820		rs4510078	0.019		H	intron	A/G		
	419831		rs34714257	N.D.			intron	-/A		
	419945		rs4580247	N.D.		H	intron	A/T		
	420307		rs5822486	N.D.			intron	-/G		
	420403		rs35966116	N.D.			intron	-/G		
	420440		rs5822487	N.D.			intron	-/G		
	420570		rs5822488	N.D.			intron	-/G		
exon_8	420902	1469	rs4252921	N.D.			missense	T	Tyr [Y]	385
							contig reference	G	Asp [D]	385
	420905	1466	rs4252922	N.D.			missense	G	Ala [A]	384

							contig reference	T	Ser [S]	1	384
	420931	1440	rs58822489	N.D.			frame shift			2	375
							contig reference	G	Arg [R]	2	375
	420936	1435	rs4926485	N.D.			synonymous	T	Leu [L]	3	373
							contig reference	G	Leu [L]	3	373
	420978	1393	rs17849769	N.D.			synonymous	T	Pro [P]	3	359
							contig reference	C	Pro [P]	3	359
exon_7	421472	1315	rs1140432	N.D.			synonymous	G	Arg [R]	3	333
							contig reference	C	Arg [R]	3	333
	421482	1305	rs1140432	N.D.			missense	A	Asp [D]	2	330
							contig reference	C	Ala [A]	2	330
	421559	1228	rs60306556	N.D.		Yes	synonymous	T	Ala [A]	3	304
							contig reference	C	Ala [A]	3	304
	421584	1203	rs36119601	N.D.			frame shift	-		2	296
							contig reference	G	Gly [G]	2	296
intron_6	421784		rs4078286	N.D.			intron	A/G			
	422099		rs7406428	0.281			intron	A/G			
	422189		rs57181997	N.D.			intron	A/C			
	422863		rs34753068	N.D.			intron	C/T			
	422920		rs36072880	N.D.			intron	-/G			
	423040		rs11653735	0.095			intron	C/T			
exon_6	423368	1195	rs1130773	N.D.		Yes	synonymous	T	Leu [L]	3	293
							contig reference	C	Leu [L]	3	293
	423389	1174	rs56181605	N.D.		Yes	synonymous	T	Tyr [Y]	3	286
							contig reference	C	Tyr [Y]	3	286
intron_5	423699		rs7406962	N.D.			intron	C/T			
	423775		rs7406379	N.D.			intron	C/T			
intron_4	424985		rs4523986	N.D.			intron	C/G			
	424986		rs4325624	N.D.			intron	C/G			
exon_4	425081	799	rs36058840	N.D.			frame shift	G	Thr [T]	3	161
							contig reference	-		3	161
intron_3	425798		rs5822490	N.D.			intron	-/GA			
	425958		rs58473912	N.D.			intron	C/G			
	426150		rs34319843	N.D.			intron	C/G			
	426161		rs35563758	N.D.			intron	C/G			

	426181		rs34604166 N.D.			intron	C/T		
	426183		rs34355167 N.D.			intron	A/T		
	426204		rs35300276 N.D.			intron	C/T		
	426246		rs55888850 N.D.			intron	A/G		
	426299		rs35943870 N.D.			intron	C/G		
	426434		rs59957055 N.D.			intron	G/T		
	426750		rs9675319 N.D.			intron	C/G		
	426876		rs9747923 N.D.			intron	C/G		
	426897		rs9747926 N.D.			intron	C/G		
	426899		rs9748190 N.D.			intron	C/G		
exon_3	427535	529	rs13553086 N.D.		Yes	synonymous	T	Cys [C] 3	71
						contig reference	C	Cys [C] 3	71
intron_2	428305		rs12601586 0.324		H	intron	A/G		
	428368		rs34103258 N.D.			intron	-/T		
	428451		rs4789842 N.D.			intron	C/G		
	428452		rs4789843 N.D.			intron	C/G		
	428966		rs11868977 0.289		H	intron	A/G		
	429097		rs34032716 N.D.			intron	-/A		
	429335		rs59805449 N.D.			intron	A/C		
	429643		rs5822491 N.D.			intron	-/G		
	430187		rs36125401 N.D.			intron	-/A		
	430206		rs59994865 N.D.			intron	-/A		
	430319		rs34123796 N.D.			intron	-/TA		
	430477		rs6502091 0.270		H	intron	C/T		
	430725		rs4132733 N.D.			intron	C/T		
	431980		rs35919220 N.D.			intron	-/C		
	432556		rs5029180 N.D.			intron	G/T		
	432593		rs5029179 N.D.			intron	C/T		
	432613		rs5029178 N.D.			intron	C/G		
	432617		rs5029177 N.D.			intron	C/T		
	432637		rs5029176 N.D.			intron	C/G		
	432661		rs5029175 N.D.			intron	C/G		
	432685		rs5029174 N.D.			intron	C/G		
	432691		rs5029173 N.D.			intron	G/T		
	432713		rs5029172 N.D.			intron	C/T		
	432907		rs35693344 N.D.			intron	A/G		

	433073	rs11653626	N.D.			intron	C/T
	434057	rs6502092	N.D.			intron	A/G
	434402	rs6502093	N.D.			intron	G/T
	434524	rs7225270	N.D.			intron	A/C
	434899	rs7225895	N.D.			intron	A/G
	434909	rs36029791	N.D.			intron	-/A
	434934	rs58287821	N.D.			intron	G/T
	435280	rs57317145	N.D.			intron	A/G
	435292	rs3829773	0.082			intron	A/G
	435374	rs8069256	N.D.			intron	C/T
	435443	rs4789844	N.D.			intron	C/T
	435444	rs4789845	N.D.			intron	C/T
	435797	rs8074841	N.D.			intron	A/G
	436604	rs9902400	N.D.			intron	A/G
	437155	rs7213159	0.185			intron	C/T
	437175	rs7213171	N.D.			intron	C/T
	437363	rs60426077	N.D.			intron	C/T
intron_1	438390	rs12940130	N.D.			intron	C/T
	438946	rs34217638	N.D.			intron	-/G
	438959	rs11871255	N.D.			intron	C/T
	439652	rs4789846	0.240			intron	C/T
	440090	rs9907654	N.D.			intron	C/T
	441081	rs12602799	N.D.			intron	A/G
	441228	rs35194144	N.D.			intron	-/G
	442047	rs11658525	N.D.			intron	A/T
	442326	rs4072505	N.D.			intron	C/G
	442406	rs8070216	0.010			intron	A/G
	442486	rs4239013	0.019			intron	A/G
	443447	rs6416862	0.221			intron	C/T
	444319	rs34414898	N.D.			intron	-/C
	444329	rs62079482	N.D.			intron	A/G
	444330	rs6502094	N.D.			intron	A/G
	444621	rs6502095	N.D.			intron	A/G
	444740	rs7209167	0.272			intron	C/G
	445099	rs12945961	N.D.			intron	C/G
	445271	rs61623208	N.D.			intron	-/CGGGCGGCGGGGCGG

exon_1	445421	260	rs11552085	N.D.		5' UTR	A/G
	445430	251	rs11552083	N.D.		5' UTR	C/T
exon_1	445364	317				start codon		1
5' near gene	445704		rs4313857	N.D.		5' near gene	C/T
	445713		rs5822492	N.D.		5' near gene	-/G
	445720		rs5822493	N.D.		5' near gene	-/C
	445928		rs4476225	N.D.		5' near gene	C/T
	445934		rs4580246	N.D.		5' near gene	A/T
	446063		rs4239017	N.D.		5' near gene	C/T

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